



2611

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Anatoliy V. Tsyrganovich  
Assignee: ZiLOG, Inc.  
Title: "Circle Correction in Digital Low-Pass Filter"  
Serial No.: 08/937,877 Filed: September 29, 1997  
Examiner: Vivek Srivastava Group Art Unit: 2611  
Atty. Doc. No.: ZIL-183

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COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION OF POWER OF ATTORNEY  
AND  
APPOINTMENT OF NEW ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

I, Perry J. Grace, Chief Financial Officer and Vice President of Finance of ZiLOG, Inc., the assignee of the entire right, title and interest in the above-referenced patent application, hereby revoke all previous powers of attorney in the above-identified patent application, and hereby appoint the practitioners with the

**customer number 47,713**

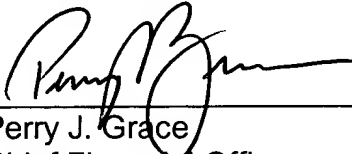
to transact all business in the United States Patent and Trademark Office connected with the above-identified patent application.

Please change the correspondence address and fee address for the above-identified patent application and direct all correspondence to the address associated with customer number 47,713, which is:

Applicant: Anatoliy V. Tsyrganovich  
Serial No.: 08/937,877  
Docket No.: ZIL-183

Silicon Edge Law Group LLP  
Patent Attorneys  
6601 Koll Center Parkway  
Suite 245  
Pleasanton, California 94566-3132



Assignee's signature:  Date: 9/20/2005  
Name: Perry J. Grace  
Title: Chief Financial Officer and Vice President of Finance  
Assignee: ZiLOG, Inc.

The enclosed 37 CFR 3.73(b) Statement states that ZiLOG, Inc., is the assignee of the entire right, title and interest in the above-identified patent application. Also, please change the attorney docket number for the above-identified application and use the following new attorney docket number on all correspondence:

**ZIL-183**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 3, 2005,

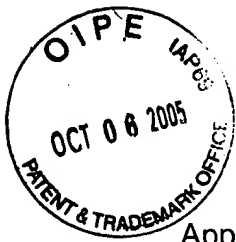
Darien K. Wallace

  
Signature Date of Signature

Respectfully submitted,



Darien K. Wallace  
Attorney for Applicants  
Reg. No. 53,736  
Customer No. 47,713



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Anatoliy V. Tsyrganovich  
Assignee: ZiLOG, Inc.  
Title: "Circle Correction in Digital Low-Pass Filter"  
Serial No.: 08/937,877 Filed: September 29, 1997  
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COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, CA 22313-1450

**37 CFR 3.73(b) STATEMENT**

The assignee, ZiLOG, Inc., a corporation of the State of Delaware, states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

1. A recorded assignment dated September 12, 1997, from the sole inventor (Anatoliy V. Tsyrganovich) to Zilog, Inc., a copy of which is attached as Attachment A (5 pages). The assignment was recorded on September 29, 1997, at reel/frame 8741/0224.


The undersigned is authorized to act on behalf of the assignee by virtue of the power of attorney attached as Attachment B (1 page) and signs on behalf of the assignee this 3<sup>rd</sup> day of October 2005.

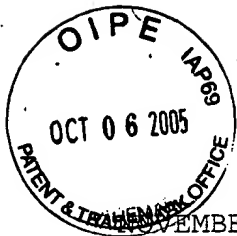
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By   
Darien K. Wallace

Date of Deposit: October 3, 2005

Respectfully submitted,

  
Darien K. Wallace  
Attorney for Applicant  
Reg. No. 53,736  
Customer No. 47,713



*Attachment A*  
*3.73(b) Statement page 1*

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*100554495A\*

SEPTEMBER 18, 1997

PTAS

MAJESTIC, PARSONS, SIEBERT & HSUE  
GERALD P. PARSONS  
FOUR EMBARCADERO CENTER, STE. 1100  
SAN FRANCISCO, CA 94111-4106

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/29/1997

REEL/FRAME: 8741/0224  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TSYRGANOVICH, ANATOLIY V.

DOC DATE: 09/12/1997

ASSIGNEE:

ZILOG, INCORPORATED  
210 HACIENDA AVENUE  
CAMPBELL, CALIFORNIA 95008

SERIAL NUMBER: 08937877

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10-17-1997

Attachment A  
3.73(b) Statement page 2



REC

100554495

--- PATENT

Sir:

Please record the attached original documents or copy thereof:

1. The name of the conveying party is Anatoliy V. Tsyrganovich
2. The name of the party receiving the interest is Zilog, Incorporated, a corporation of the State of Delaware, having a principal place of business at 210 Hacienda Avenue, Campbell, California 95008.
3. The nature of the attached document is Assignment, which was executed on September 12, 1997.
4. In connection with the patent application being filed herewith, "Circle Correction in Digital Low-Pass Filter" by inventor Anatoliy V. Tsyrganovich, with a Declaration attached thereto executed by said inventor on September 12, 1997.
5. The name and address to whom all correspondence regarding this matter should be mailed is:

Gerald P. Parsons, Esq.  
MAJESTIC, PARSONS, SIEBERT & HSUE  
Four Embarcadero Center, Suite 1100  
San Francisco, California 94111-4106  
Telephone: (415) 248-5500  
Telefacsimile: (415) 362-5418

6. A total of one application is involved in this request.
7. The fee of \$40.00 is enclosed to cover the costs of recordal.
8. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 13-1030.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

MAJESTIC, PARSONS, SIEBERT & HSUE

Dated: 9/29/97  
Atty. Docket: ZILG.183US0  
GPP:JPO:sb

Joseph P. O'Malley, Reg.No. 36,226

The total number of pages including cover sheet, attachments, and document is 4.

70556 U.S. PTO  
08/937877  
09/26/97

10/16/1997 TTON11 00000128 40.00  
01 FC:581

A S S I G N M E N T

WHEREAS, Anatoliy V. Tsyrganovich, a resident of San Jose, California, hereinafter referred to as "Assignor," has invented certain new and useful improvements as described and set forth in an application for Letters Patent of the United States entitled "Circle Correction in Digital Low-Pass Filter" with a Declaration attached thereto that was executed by Assignor on the 12 day of September, 1997;

WHEREAS, ZILOG, INCORPORATED, a Corporation of the State of Delaware, having a place of business at 210 Hacienda Avenue, Campbell, California 95008, hereinafter referred to as "Assignee," desires to acquire the entire right, title and interest in and to said application, said invention, said improvements, and all Letters Patent which may be granted thereon in the United States or any foreign country;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged by Assignor,

1. Assignor hereby sells, assigns, transfers and conveys to Assignee the entire worldwide right, title and interest in and to said application, said invention and said improvements, and in and to any and all Letters Patent on said invention and improvements that may be granted by the United States or any foreign country, including any divisions, substitutions, continuations in whole or in part, conversions, reissues, additions or extensions thereof, said interest to be held and enjoyed by

Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made.

2. Assignor hereby warrants, covenants and represents that he/she has not heretofore granted any license, right or privilege with respect to said application, invention or improvements, or in any other way encumbered the same, and that he/she has the full right to make this Assignment.

3. Assignor further agrees that at the request and expense of Assignee, but without charge to said Assignee, he/she will promptly execute all papers necessary or desirable to perfect ownership of said invention, improvements, applications or said Letters Patent, in said Assignee, and will execute all oaths and other papers, within the truth, that are necessary or desirable for prosecuting said application, for use in interference proceedings involving said invention or improvements, for refiling said applications, for filing of said divisional, substitution, continuation or continuation-in-part applications covering said invention or improvements which are deemed necessary or desirable by Assignee, for reissuance or reexamination of said Letters Patent, or for the filing in foreign countries of applications for Letters Patent covering said invention or improvements.

4. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, his/her heirs, legal representatives and assigns.

IN TESTIMONY WHEREOF, I have executed and delivered to Assignee this instrument this 12 day of September, 1997.

*Anatoliy V. Tsyrganovich*  
ANATOLIY V. TSYRGANOVICH

STATE OF CALIFORNIA                   )  
  )     SS  
COUNTY OF                              )

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared Anatoliy V. Tsyrganovich, personally known to me/proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

(SEAL)





Attachment 3  
3.73(b) Statement

PTO/SB/80 (09-04)  
Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

47713

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

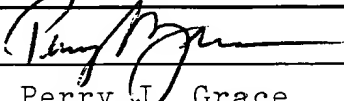
Assignee Name and Address:

ZiLOG, Inc.  
532 Race Street  
San Jose, California 95126

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	11/9/04
Name	Perry J. Grace	Telephone	408 658 8500
Title	Chief Financial Officer and Vice President of Finance		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.